

Recovery Plan Action Status

Plan Name: Recovery Plan for the Endangered and Threatened Species of the California Channel Islands

Plan Status: Final

Plan Date: 26-Jan-84

Lead Agency: USFWS

Lead Office: Carlsbad Fish And Wildlife Office
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Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Island night lizard (<i>Xantusia riversiana</i>), San Clemente Island indian paintbrush (<i>Castilleja grisea</i>), San Clemente Island woodland-star (<i>Lithophragma maximum</i>), San Clemente Island broom (<i>Lotus dendroideus</i> ssp. <i>traskiae</i>), San Clemente Island bush-mallow (<i>Malacothamnus clementinus</i>), San Clemente loggerhead shrike (<i>Lanius ludovicianus mearnsi</i>), San Clemente sage sparrow (<i>Amphispiza belli clementae</i>), San Clemente Island larkspur (<i>Delphinium variegatum</i> ssp. <i>kinkense</i>)	1	111	Remove feral animals from SCI	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Endangered Species Division, Naval Base Coronado	Management: Predator and Competitor Control	Contract	Feral goats and pigs entirely removed from SCI in 1992 but feral cat and rat populations are subject to continuing management. This work is likely to be necessary into the future because the potential for eradication is low due to topography and operational constraints.
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San Clemente loggerhead shrike (<i>Lanius ludovicianus mearnsi</i>), San Clemente sage sparrow (<i>Amphispiza belli clementae</i>)	1	231	Enhance E/T bird pops.	Ongoing Current	Prior to FY 1995		California Department of Fish and Game, Naval Base Coronado	Management: Propagation	Contract	Predator management, habitat restoration, captive propagation, re-introduction, monitoring, minimization of disturbance

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San Clemente loggerhead shrike (<i>Lanius ludovicianus mearnsi</i>), San Clemente sage sparrow (<i>Amphispiza belli clementae</i>)	1	44	Determine habitat requirements, population size, distribution, current threats etc. for shrike and sage sparrow	Ongoing Current	Prior to FY 1995		Naval Air Station, North Island, California Department of Fish and Game	Research: Population Surveys	Contract	Navy is funding "shrike sustainability plan" and also revised sage sparrow monitoring plan
San Clemente loggerhead shrike (<i>Lanius ludovicianus mearnsi</i>)	1	45	Examine competitive relationship of shrike and kestrel	Discontinued	FY 1995 - FY 1999		U.S. Fish and Wildlife Service, Endangered Species Division, Naval Base Coronado	Research: Competition	Contract	Discontinued as specific study, but shrike monitoring should inform if competition becomes evident.
San Clemente loggerhead shrike (<i>Lanius ludovicianus mearnsi</i>), San Clemente sage sparrow (<i>Amphispiza belli clementae</i>)	1	46	Assess impact of predation, nest sitea parasitism etc. on shrike and sparrow	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Endangered Species Division, Naval Base Coronado	Research: Predation	Contract	Nest camera and post-failure nest checks used to evaluate the causes of nest failure.

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San Clemente loggerhead shrike (<i>Lanius ludovicianus mearnsi</i>), San Clemente sage sparrow (<i>Amphispiza belli clementae</i>)	1	53	Monitor E/T birds annually and assess pop. Trends	Ongoing Current	Prior to FY 1995		U.S. Fish and Wildlife Service, Endangered Species Division, Naval Air Station, North Island, California Department of Fish and Game	Research: Population Surveys	Contract	color banding of all released individuals, assessment of annual mortality

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